

0590
10/11

Page 1 of 5

HQ

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/854,844

DATE: 10/03/2001
TIME: 15:31:30

Input Set : A:\LEX-0176-USA SEQLIST.txt
Output Set: N:\CRF3\10032001\I854844.raw

4 <110> APPLICANT: Hu, Yi
5 Kieke, James Alvin
6 Olson, Andrew
7 Turner, C. Alexander Jr.
9 <120> TITLE OF INVENTION: Novel Human Protease and Polynucleotides Encoding the Same
11 <130> FILE REFERENCE: LEX-0176-USA
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/854,844
C--> 13 <141> CURRENT FILING DATE: 2001-09-17
13 <150> PRIOR APPLICATION NUMBER: US 60/205,275
14 <151> PRIOR FILING DATE: 2000-05-18
16 <160> NUMBER OF SEQ ID NOS: 3
18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
20 <210> SEQ ID NO: 1
21 <211> LENGTH: 1041
22 <212> TYPE: DNA
23 <213> ORGANISM: homo sapiens
25 <400> SEQUENCE: 1
26 atggccctg ctggctgtgc cttcacgctg ctccttgc tgggatctc agtgtgtggg 60
27 caacctgtat actccagccg cgtttaggtt ggccaggatg ctgctgcagg ggcgtggcct 120
28 tggcaggtaa gcctacactt tgaccacaac ttatctatg gaggttccct cgtcaatgt 180
29 agtttatac tgacagcagc acactgcata caaccgaccc gactacttt ttcatataact 240
30 gtgtggctag gatcgattac agtaggtgac tcaaggaaac gtgtgaagta ctacgtgtcc 300
31 aaaatcgtaa tccatcccaa gtaccaagat acaacggcag acrtcgccctt gttgaaactg 360
32 tcctctcaag tcacccatc ttctgccatc ctgccttattt gcttgcggcag tgtcacaaag 420
33 cagttggcaa ttccacccctt ttgttgggtt accggatggg gaaaagttaa gggaaagttca 480
34 gatagagatt accattctgc cttcaggaa gcagaagttac ccattattga ccgcaggct 540
35 tgtgaacagc tctacaatcc catcggtatc ttcttgccag cactggagcc agtcatcaag 600
36 gaagacaaga ttgtgttgg tgataactcaa aacatgaagg atagttgcaaa ggggtattct 660
37 ggaggccctc tgcgtgtca cattgtatgtt gtatggatcc agacaggagt agtaagctgg 720
38 ggatttataatgtt gtttccctggat gtctacacca atgtatctta ctacaaaaaa 780
39 tggattaatgc ccaacttcc aagagccaaac aatcttagact tctctgactt cttgttccct 840
40 attgtccctac tctctctggc tctcctgygt ccctcctgtg ctttggacc taacactata 900
41 cacagagtag gcactgttagc tgaagctgtt gcttgcatac agggctggga agagaatgca 960
42 tggagattta gtcccagggg cagagaactc acaggagagc cactgctaacc cctgggtgac 1020
43 tttatattaca atttggaaatg a 1041
45 <210> SEQ ID NO: 2
46 <211> LENGTH: 346
47 <212> TYPE: PRT
48 <213> ORGANISM: homo sapiens
50 <400> SEQUENCE: 2
51 Met Gly Pro Ala Gly Cys Ala Phe Thr Leu Leu Leu Leu Gly Ile
52 1 5 10 15
53 Ser Val Cys Gly Gln Pro Val Tyr Ser Ser Arg Val Val Gly Gly Gln
54 20 25 30
55 Asp Ala Ala Ala Gly Arg Trp Pro Trp Gln Val Ser Leu His Phe Asp
56 35 40 45
57 His Asn Phe Ile Tyr Gly Ser Leu Val Ser Glu Arg Leu Ile Leu
ENTERED

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/854,844

DATE: 10/03/2001
TIME: 15:31:30

Input Set : A:\LEX-0176-USA SEQLIST.txt
Output Set: N:\CRF3\10032001\I854844.raw

58	50	55	60	
59	Thr Ala Ala His Cys Ile Gln Pro Thr Trp Thr Phe Ser Tyr Thr			
60	65	70	75	80
61	Val Trp Leu Gly Ser Ile Thr Val Gly Asp Ser Arg Lys Arg Val Lys			
62		85	90	95
63	Tyr Tyr Val Ser Lys Ile Val Ile His Pro Lys Tyr Gln Asp Thr Thr			
64		100	105	110
65	Ala Asp Val Ala Leu Leu Lys Leu Ser Ser Gln Val Thr Phe Thr Ser			
66		115	120	125
67	Ala Ile Leu Pro Ile Cys Leu Pro Ser Val Thr Lys Gln Leu Ala Ile			
68		130	135	140
69	Pro Pro Phe Cys Trp Val Thr Gly Trp Gly Lys Val Lys Glu Ser Ser			
70	70 145	150	155	160
71	Asp Arg Asp Tyr His Ser Ala Leu Gln Glu Ala Glu Val Pro Ile Ile			
72		165	170	175
73	Asp Arg Gln Ala Cys Glu Gln Leu Tyr Asn Pro Ile Gly Ile Phe Leu			
74		180	185	190
75	Pro Ala Leu Glu Pro Val Ile Lys Glu Asp Lys Ile Cys Ala Gly Asp			
76		195	200	205
77	Thr Gln Asn Met Lys Asp Ser Cys Lys Gly Asp Ser Gly Gly Pro Leu			
78		210	215	220
79	Ser Cys His Ile Asp Gly Val Trp Ile Gln Thr Gly Val Val Ser Trp			
80	80 225	230	235	240
81	Gly Leu Glu Cys Gly Lys Ser Leu Pro Gly Val Tyr Thr Asn Val Ile			
82		245	250	255
83	Tyr Tyr Gln Lys Trp Ile Asn Ala Thr Ile Ser Arg Ala Asn Asn Leu			
84		260	265	270
85	Asp Phe Ser Asp Phe Leu Phe Pro Ile Val Leu Leu Ser Leu Ala Leu			
86		275	280	285
87	Leu Cys Pro Ser Cys Ala Phe Gly Pro Asn Thr Ile His Arg Val Gly			
88		290	295	300
89	Thr Val Ala Glu Ala Val Ala Cys Ile Gln Gly Trp Glu Glu Asn Ala			
90	90 305	310	315	320
91	Trp Arg Phe Ser Pro Arg Gly Arg Glu Leu Thr Gly Glu Pro Leu Leu			
92		325	330	335
93	Thr Leu Gly Asp Phe Ile Tyr Asn Leu Lys			
94		340	345	
96	<210> SEQ ID NO: 3			
97	<211> LENGTH: 1286			
98	<212> TYPE: DNA			
99	<213> ORGANISM: homo sapiens			
101	<400> SEQUENCE: 3			
102	ctgcagctgc acttctgaag tctggccct tcaggatctg gcagcgggtg aagaccaaag	60		
103	gagaggaggg ggtgaagcag aggaatccat cttaggagaag ctagttctgg cagctccccca	120		
104	ttggcctctt cctgggagcc tgagtccagg aagcaggaag cgctcaactgg ctctgaggac	180		
105	agagacatgg gccctgctgg ctgtgccttc acgctgctcc ttctgctggg gatctcagtg	240		
106	tgtgggcaac ctgtatactc cagccgcgtt gttagtggcc aggatgctgc tgcaggcg	300		
107	tggccttggc aggtcagcct acactttgac cacaactta tctatggagg ttccctcg	360		
108	agtgagaggt tgatactgac agcagcacac tgcataacaac cgacctggac tacttttca	420		

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/854,844

DATE: 10/03/2001
TIME: 15:31:30

Input Set : A:\LEX-0176-USA SEQLIST.txt
Output Set: N:\CRF3\10032001\I854844.raw

109	tatactgtgt	ggcttaggatc	gattacagta	ggtgactcaa	ggaaacgtgt	gaagtactac	480
110	gtgtccaaaa	tcgtcatcca	tcccaagtac	caagatacaa	cggcagacrt	cgccttgg	540
111	aaactgtcct	ctcaagtcac	cttcacttct	gccatcctgc	ctatttgctt	gcccagtgtc	600
112	acaaaggcagt	tggcaattcc	acccttttgt	tgggtgaccg	gatggggaaa	agtaaggaa	660
113	agttcagata	gagattacca	ttctgccctt	caggaagcag	aagtaccat	tattgaccgc	720
114	caggcttgc	aacagctcta	caatcccattc	ggtatcttct	tgccagcact	ggagccagtc	780
115	atcaaggaag	acaagatttg	tgctggtgat	actcaaaaca	tgaaggatag	ttgcaagggt	840
116	gattctggag	ggcctctgtc	gtgtcacatt	gatggtgtat	ggatccagac	aggagtagta	900
117	agctggggat	tagaatgtgg	taaatctctt	cctggagtct	acaccaatgt	aatctactac	960
118	caaaaatgga	ttaatgccac	tatttcaaga	gccaacaatc	tagacttctc	tgacttcttg	1020
119	ttcccttattt	tcctactctc	tctggctctc	ctgygtccct	cctgtgcctt	tggacctaac	1080
120	actatacaca	gagtaggcac	tgttagctgaa	gctgttgctt	gcatacaggg	ctggaaagag	1140
121	aatgcatgga	gatttagtcc	caggggcaga	gaactcacag	gagagccact	gctaaccctg	1200
122	ggtgacttta	tttacaattt	gaaatgattt	tgttttaag	gttttgatt	ttgaaagttt	1260
123	tggggttgga	aagtgaagag	ttaaga				1286

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/854,844

DATE: 10/03/2001

TIME: 15:31:31

Input Set : A:\LEX-0176-USA SEQLIST.txt
Output Set: N:\CRF3\10032001\I854844.raw

L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date